MAW3300FC, MAW3147FC, MAW3073FC
HARD DISK DRIVES INSTALLATION GUIDE

CARE OF YOUR FUJITSU DRIVE

Careful handling and installation of your disk drive is paramount to the longevity of the unit. The internal mechanism of the drive can be seriously damaged if the casing is subjected to forces outside the environmental specifications. When transporting the drive, always use the original packing in which the drive was delivered to you, and avoid exposing the drive to extreme changes in temperature to minimize the risk of condensation.

Handling

1. **Never** drop the unit. Handle it with care.
2. **Never** move the disk drive while disks are spinning. Note that the disks spin when the drive is powered on and also immediately after power off. Refer to the Start/Stop specification for your drive.
3. **Never** place the drive in the vicinity of equipment giving off strong magnetic fields, such as monitors, televisions, or loudspeakers.
4. **Never** use any cleaning agents or liquids on the drive.
5. **Always** use an antistatic mat and wrist strap when handling the drive. Hold the drive by the base casting and never touch the components on the printed circuit board.
6. **Never** remove any labels from the drive or deface them in any way.
7. **Never** open the disk enclosure for any reason. Doing so will void any warranties.
8. **Always** pay close attention to the mounting specifications such as those for sway space and cooling. If the temperature difference between the storage location and installation location exceeds 10°C, for temperature acclimation purposes, leave the drive in the new location for at least two hours before turning it on. This minimizes any risk of condensation forming on the drive.

The Drive needs NO preventative or periodic maintenance during its service life if properly used in an appropriate environment.

INSTALLATION

1. ORIENTATION
The drive can be installed flat on any of its six sides. Inclination from a vertical or horizontal plane should not exceed 5°.

2. MOUNTING SCREW INSTALLATION
When the mounting screw holes on the side of the drive are used, be sure to use the two pairs of outer holes. Do not use the center hole in conjunction with only one of the outer holes. The screws must not penetrate the drive by more than 5.0 millimeters. Impact caused by the electric driver must be within the device specifications.

3. COOLING
Allow space above and below the drive to provide an adequate air flow. Fan cooling is recommended. The disk enclosure temperature measured at center of base cover (label side) should never exceed 60 °C. See Table 1.

Table 1. Reference value of airflow

Environmental temperature	Required velocity of airflow
35°C	> 0.6 m/s
40°C	> 0.9 m/s
45°C	> 1.4 m/s

4. BREATHING
Never cover the vent hole displayed on the label with the arrow.

5. CONNECTING
To avoid potential damage to the drive, make sure that connector type and orientation is correct.

CAUTION: Your warranty may be voided if the connector is damaged as a result of incorrect insertion.

FUJITSU LIMITED
Storage Products Group
4-1-1 Kamikodanaka, Nakahara-ku, Kawasaki 211-8588, Kanagawa-ken, Japan

http://www.fujitsu.com/

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